

**CAREER AND TECHNICAL EDUCATION REQUIREMENTS**  
**8VAC20-120-150 Maximum class size**

Enrollment in career and technical education courses shall not exceed the number of individual work stations.

Career and technical education laboratory classes which use equipment that has been identified by the U.S. Department of Labor for hazardous occupations shall be limited to a maximum of 20 students per laboratory.

**CTE COURSES WITH MAXIMUM ENROLLMENT OF 20 STUDENTS**

<b>AGRICULTURAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8006	FOUNDATIONS OF AGRICULTURE, FOOD AND NATURAL RESOURCES
8008	AGRICULTURAL MECHANICS AND BASIC ANIMAL SCIENCE
8010	AGRICULTURAL PRODUCTION TECHNOLOGY
8012	AGRICULTURAL PRODUCTION MANAGEMENT
8014	OPERATING THE FARM BUSINESS
8015	EQUINE MANAGEMENT PRODUCTION (18 WEEKS)
8016	INTRODUCTION TO POWER, STRUCTURAL AND TECHNICAL SYSTEMS
8017	AGRICULTURAL STRUCTURAL SYSTEMS
8018	AGRICULTURAL POWER SYSTEMS
8019	AGRICULTURAL FABRICATION & EMERGING TECHNOLOGIES
8020	AGRICULTURAL POWER SYSTEMS, ADVANCED
8021	SMALL ENGINE REPAIR (18 WEEKS)
8034	HORTICULTURE SCIENCES
8035	GREENHOUSE PLANT PRODUCTION AND MANAGEMENT
8036	LANDSCAPING
8037	SPECIALTY HORTICULTURE ARTS
8038	FLORICULTURE
8039	LANDSCAPING II
8040	INTRODUCTION TO NATURAL RESOURCES AND ECOLOGY SYSTEMS
8041	FISHERIES AND WILDLIFE MANAGEMENT
8042	FORESTRY MANAGEMENT
8043	OUTDOOR RECREATION, PARKS AND TOURISM SYSTEMS MANAGEMENT
8044	FORESTRY MANAGEMENT, ADVANCED
8047	LAND USE AND CONSERVATION MANAGEMENT

AGRICULTURAL EDUCATION	
COURSE CODE	COURSE DESCRIPTION
8048	URBAN FORESTRY
8051	TURF GRASS ESTABLISHMENT AND MAINTENANCE
8052	FARM EQUIPMENT OPERATOR
8054	TURF GRASS APPLICATIONS, ADVANCED
8072	APPLIED AGRICULTURAL CONCEPTS (18 WEEKS)
8073	APPLIED AGRICULTURAL CONCEPTS (36 WEEKS)
8080	EQUINE MANAGEMENT PRODUCTION (36 WEEKS)
8082	SMALL ENGINE REPAIR (36 WEEKS)
8088	VETERINARY SCIENCE

FAMILY & CONSUMER SCIENCES	
COURSE CODE	COURSE DESCRIPTION
8249	INTRODUCTION TO CULINARY ARTS (18 WEEKS)
8250	INTRODUCTION TO CULINARY ARTS (36 WEEKS)
8275	CULINARY ARTS I
8276	CULINARY ARTS II
8279	CULINARY ARTS III
8285	EARLY CHILDHOOD, EDUCATION, AND SERVICES I
8286	EARLY CHILDHOOD, EDUCATION, AND SERVICES II

HEALTH & MEDICAL SCIENCES	
COURSE CODE	COURSE DESCRIPTION
8328	DENTAL ASSISTANT I
8329	DENTAL ASSISTANT II

TECHNOLOGY EDUCATION	
COURSE CODE	COURSE DESCRIPTION
8425	MANUFACTURING SYSTEMS (36 WEEKS)
8426	MANUFACTURING SYSTEMS (18 WEEKS)
8427	MANUFACTURING SYSTEMS, ADVANCED
8431	CONSTRUCTION TECHNOLOGY (36 WEEKS)
8432	CONSTRUCTION TECHNOLOGY (18 WEEKS)
8433	MATERIALS AND PROCESSES TECHNOLOGY (36 WEEKS)

TECHNOLOGY EDUCATON	
COURSE CODE	COURSE DESCRIPTION
8444	POWER AND TRANSPORTATION (36 WEEKS)
8445	POWER AND TRANSPORTATION (18 WEEKS)
8446	PRODUCTION SYSTEMS (18 WEEKS)
8447	PRODUCTION SYSTEMS (36 WEEKS)
8448	ENERGY AND POWER (36 WEEKS)
8478	MATERIALS & PROCESSES TECHNOLOGY (18 WEEKS)
8490	INTRODUCTION TO ENGINEERING
8491	ADVANCED ENGINEERING
8495	ENERGY AND POWER (18 WEEKS)

TRADE & INDUSTRIAL EDUCATION	
COURSE CODE	COURSE DESCRIPTION
8503	HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION I
8504	HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION II
8505	HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION III
8506	AUTOMOTIVE TECHNOLOGY I—CERTIFIED
8507	AUTOMOTIVE TECHNOLOGY II—CERTIFIED
8508	AUTOMOTIVE TECHNOLOGY III—CERTIFIED
8509	MOTORSPORTS TECHNOLOGY I
8510	MOTORSPORTS TECHNOLOGY II
8511	MOTORSPORTS TECHNOLOGY III
8512	MASONRY I
8513	MASONRY II
8514	MASONRY III
8515	BUILDING TRADES I
8516	BUILDING TRADES II
8517	BUILDING TRADES III
8527	COSMETOLOGY I
8528	COSMETOLOGY II
8529	COSMETOLOGY III
8530	DRAFTING I
8531	DRAFTING II
8533	ELECTRICITY I

TRADE & INDUSTRIAL EDUCATION	
COURSE CODE	COURSE DESCRIPTION
8534	ELECTRICITY II
8535	ELECTRICITY III
8539	PRECISION MACHINING TECHNOLOGY I
8540	PRECISION MACHINING TECHNOLOGY II
8541	PRECISION MACHINING TECHNOLOGY III
8549	BRICKLAYER
8551	PLUMBING I
8552	PLUMBING II
8553	PLUMBING III
8575	INDUSTRIAL MAINTENANCE TECHNOLOGY I
8576	INDUSTRIAL MAINTENANCE TECHNOLOGY II
8577	INDUSTRIAL MAINTENANCE TECHNOLOGY III
8590	BUILDING MANAGEMENT I
8591	BUILDING MANAGEMENT II
8592	BUILDING MANAGEMENT III
8600	BASIC CARPENTRY
8601	CARPENTRY I
8602	CARPENTRY II
8603	CARPENTRY III
8604	CABINETMAKING I
8605	CABINETMAKING II
8606	CABINETMAKING III
8613	DIESEL EQUIPMENT TECHNOLOGY I
8614	DIESEL EQUIPMENT TECHNOLOGY II
8615	DIESEL EQUIPMENT TECHNOLOGY III
8616	UTILITY/HEAVY CONSTRUCTION TECHNOLOGY I
8617	UTILITY/HEAVY CONSTRUCTION TECHNOLOGY II
8618	UTILITY/HEAVY CONSTRUCTION TECHNOLOGY III
8650	TELECOMMUNICATIONS I
8651	TELECOMMUNICATIONS II
8660	GRAPHIC IMAGING TECHNOLOGY I
8661	GRAPHIC IMAGING TECHNOLOGY II
8662	GRAPHIC IMAGING TECHNOLOGY III

TRADE & INDUSTRIAL EDUCATION	
COURSE CODE	COURSE DESCRIPTION
8663	SHEET METAL I
8664	SHEET METAL II
8665	SHEET METAL III
8672	WELDING I
8673	WELDING II
8674	WELDING III
8675	BASIC AUTOMOTIVE BODY REPAIR
8676	AUTOMOTIVE BODY TECHNOLOGY I—CERTIFIED
8677	AUTOMOTIVE BODY TECHNOLOGY II—CERTIFIED
8678	AUTOMOTIVE BODY TECHNOLOGY III—CERTIFIED
8679	AUTOMOTIVE BODY REPAIR I—NON-CERTIFIED
8680	AUTOMOTIVE BODY REPAIR II—NON-CERTIFIED
8681	AUTOMOTIVE BODY REPAIR III—NON-CERTIFIED
8705	FIREFIGHTING I
8706	FIREFIGHTING II
8709	AUTOMOTIVE MAINTENANCE
8710	AUTOMOTIVE SERVICING I—NON-CERTIFIED
8711	AUTOMOTIVE SERVICING II—NON-CERTIFIED
8712	AUTOMOTIVE SERVICING III—NON-CERTIFIED
8724	SMALL ENGINE REPAIR
8725	SMALL ENGINE TECHNOLOGY I
8726	SMALL ENGINE TECHNOLOGY II
8727	SMALL ENGINE TECHNOLOGY III
8728	AVIATION AUTOMOTIVE I
8729	AVIATION AUTOMOTIVE II
8731	AIRCRAFT PILOT TRAINING I
8732	AIRCRAFT PILOT TRAINING II
8733	AIRCRAFT PILOT TRAINING III
8734	AIR TRAFFIC CONTROLLER
8750	MARINE SERVICE TECHNOLOGY I
8751	MARINE SERVICE TECHNOLOGY II
8752	MARINE SERVICE TECHNOLOGY III